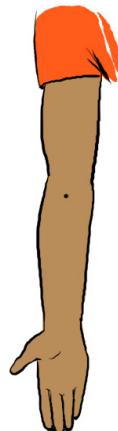


Patient Education

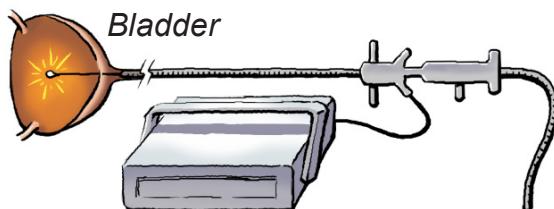
April 2006

During treatment:

- Day 1: You will be given an injection of the photoactive drug PHOTOFRIN.
- Day 3: 40 to 50 hours after the PHOTOFRIN injection, light from a laser will activate the drug within the cancer cells. This will destroy the cells. The type of laser used in PDT is non-thermal. This means that no heat is involved, so it will *not* burn.
- Your doctor will direct the laser light through a fiber optic guide. The guide is passed through a cystoscope (shown below) that is inserted into the urethra (the tube that allows urine to pass outside the body) and advanced into the bladder. The application of light takes about 15 minutes. For many patients, the entire procedure takes less than one hour.
- You may be given a sedative and/or a local or general anesthetic – so you should feel little or no discomfort.



Cystoscope



Patient Information:

Important information for family members and doctors in case of emergency.

Name of patient:

Name of doctor:

Doctor's telephone number:

Emergency contact:

Telephone number:

Known allergies:

To contact us, call Urology Research at
(352) 376-1611 or (800) 324-8387
extension 6952 or 6468.



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A Picture Guide to PHOTOFRIN for cancer therapy



Research Service



This guide will help you understand how photodynamic therapy (PDT) with **PHOTOFRIN** (porfimer sodium) works. It describes what side effects may occur and what you can do before and after treatment to prevent a photosensitivity reaction. If, you have more questions after reading this guide, be sure to ask your doctor.

Before treatment:

Photodynamic therapy with PHOTOFRIN is a treatment for certain types of cancer. It uses a combination of a **photoactive drug** (a drug that is made active by light) and **light from a non-thermal laser** (a “cold” laser).

After the PHOTOFRIN treatment, your skin and eyes will be very sensitive to direct sunlight and bright lights.

Before you leave home:

Be sure that windows in your home have curtains or shades to block out direct sunlight. Avoid direct sunlight from skylights.

Bring or wear to the hospital:

- Dark sunglasses
- Gloves
- Wide-brimmed hat
- Long-sleeved shirt and slacks



After treatment:

Common side effects:

Your skin and eyes will be very sensitive to bright light for about 30 days after the injection:

- Avoid direct sunlight or bright lights. You can watch TV or go to the movies.
- Stay away from undraped windows or skylights. Normal indoor light is okay.
- Avoid “helmet” type hairdryers (like those found in beauty salons). Hand held hair dryers on low settings are safer to use.



Other possible side effects:

- You may experience severe bladder irritation within a few days after PDT. This may include painful urination, blood in the urine, pain in the lower abdomen, rectal pain, and increased urinary frequency.

Talk with your doctor about what to expect.

Managing exposure to direct sunlight:

For 30 days:

- If possible, wait until sundown to do outside chores (such as shopping).



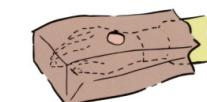
■ If you do go out during daylight hours, WEAR:

- Long-sleeved shirt and slacks
- Tightly woven and light-colored fabrics
- Gloves
- Socks and shoes
- Wide-brimmed hat
- Dark sunglasses



On day 31:

- Test for photosensitivity by putting your hand in a paper bag with a 2-inch hole in it and expose it to direct sunlight for 10 minutes.



If a reaction occurs (swelling, redness, or blistering) within 24 hours, continue to take precautions for another 2 weeks before retesting.



If no reaction occurs within 24 hours, you may gradually increase your exposure to sunlight. Continue to watch for skin reactions.

Call your doctor if your skin becomes red or blistered at any point following treatment.